

REMARKS

Claims 6, 9-11, and 18-27 are pending. Claims 6 and 9 have been amended, claims 12 and 15-17 have been canceled, and new claims 18-27 have been added to provide an additional measure of protection for the invention.

Reconsideration of the application is respectfully requested for the following reasons.

In the Office Action, claims 6, 9, 10, 12, and 15 were rejected under 35 USC § 102(e) for being anticipated by the Ramaswamy application. This rejection is traversed for the following reasons.

Claim 6 has been amended to recite a detector which detects failure of power to the base station, including a bipolar transistor or a field effect transistor FET connected between a power switching unit and ground and having a base or gate connected to receive direct current power. Claim 6 further recites that the power switching unit including a first diode connected in a forward direction to an output terminal of the first switch, a second diode preventing power of a charging power supply unit from being applied to a power supply unit of the base station, and a third diode preventing the power of the charging power supply unit from being applied to the first terminal except for a main processor of the first terminal. Claim 6 further recites that if the main processor recognizes the power failure, the first switch is turned on and the second switch is turned off by the power from the charging power supply unit.

The Ramaswamy application does not disclose any of the aforementioned features which have been added by amendment to claim 6. Based on these differences, it is submitted that claim 6 and its dependent claims are allowable over Ramaswamy application.

Claims 11, 16, and 17 were rejected under 35 USC § 103(a) for being obvious over the Ramaswamy application. Applicant traverses the rejection of claim 11 on grounds that at least the features of base claim 6 patentably distinguish claim 11 from the Ramaswamy application.

New claims 18-27 have been added to the application.

Claim 18 recites a communications system, comprising a first wireless communication terminal, a second wireless communication terminal, and a base station including (a) a power switching unit, (b) a detector which detects a failure of power to the base station, said detector including a bipolar transistor or a field effect transistor FET connected between the power switching unit and a reference potential and having a base or gate connected to receive direct current power, and (c) a processor which manages communications between the second terminal and the base station while the base station receives power from the first terminal.

Claim 18 further recites that the power switching unit includes (1) a first switch which switches power from a power supply of the first terminal to an internal circuit of the base station according to an output from the detector; and (2) a first diode coupled between an output terminal of the first switch and the internal circuit of the base station.

Claim 18 further recites that the base station further includes a second diode preventing power from the power supply of the first terminal from being applied to a power supply unit of the base station, that the first terminal includes a power intercepting unit having a second switch which switches power from the power supply unit of the base station to an internal circuit of the first terminal during normal operation, and that when a main processor of the first terminal recognizes the power failure to the base station, the first switch is turned on and the second switch is turned off by power from the power supply of the first terminal.

The Ramaswamy application does not teach or suggest the system defined in claim 18. It is therefore submitted that claim 18 and its dependent claims are allowable over Ramaswamy.

Claim 19 recites that during normal operation, charging power from the power supply unit of the base station is applied to the power supply of the first terminal through the power intercepting unit. Ramaswamy does not teach or suggest these features.

Claim 20 recites that the first diode prevents power from the power supply of the first terminal from being applied to an internal circuit of the first terminal except for the main processor of the first terminal. Ramaswamy does not teach or suggest these features.

Claim 21 recites that the first switch switches power from the power supply of the first terminal to the internal circuit of the base station through the first diode when the power failure is detected by the detector. Ramaswamy does not teach or suggest these features.

Claim 22 recites that the power supply unit includes: a first power supply unit which powers the internal circuit of the base station when no power failure is detected; and a second power supply unit which charges the power supply of the first terminal through the power intercepting unit when no power failure is detected. Ramaswamy does not teach or suggest these features.

Claim 23 recites that the second diode prevents power from the power supply of the first terminal from being applied to the first power supply unit of the base station. Ramaswamy does not teach or suggest these features.

Claim 24 recites that the base station further includes a third diode which prevents power from being applied to the second power supply unit from the power supply of the first terminal or from another source. Ramaswamy does not teach or suggest these features.

Claim 25 recites that the base station includes a battery and a third diode which prevents power from the battery from being applied to the first terminal when the power failure is detected. Ramaswamy does not teach or suggest these features.

Claim 26 recites that when the main processor of first terminal recognizes the power failure to the base station, turning on the first switch and turning off the second switch transfers power from the power supply of the first terminal to the internal circuit of the base station along a signal path which passes through the first switch and first diode. Ramaswamy does not teach or suggest these features.

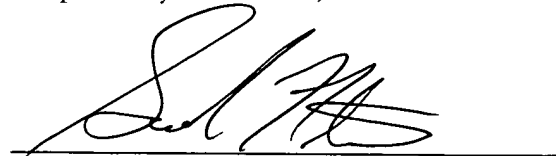
Claim 27 recites that the base station includes an indicator which activates when the detector detects the power failure. Ramaswamy does not teach or suggest these features.

Reconsideration and withdrawal of all the rejections and objections made by the Examiner is hereby respectfully requested.

In view of the foregoing amendments and remarks, it is respectfully submitted that the application is in condition for allowance. Favorable consideration and prompt allowance of the application is respectfully requested.

To the extent necessary, Applicants petition for an extension of time under 37 CFR §1.136. Please charge any shortage in fees due in connection with this application, including extension of time fees, to Deposit Account No. 16-0607 (Attorney Docket No. P-0097) and credit any excess fees to the same Deposit Account.

Respectfully submitted,



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